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Catalog of Public Use Data Tapes From the National Center for Health Statistics

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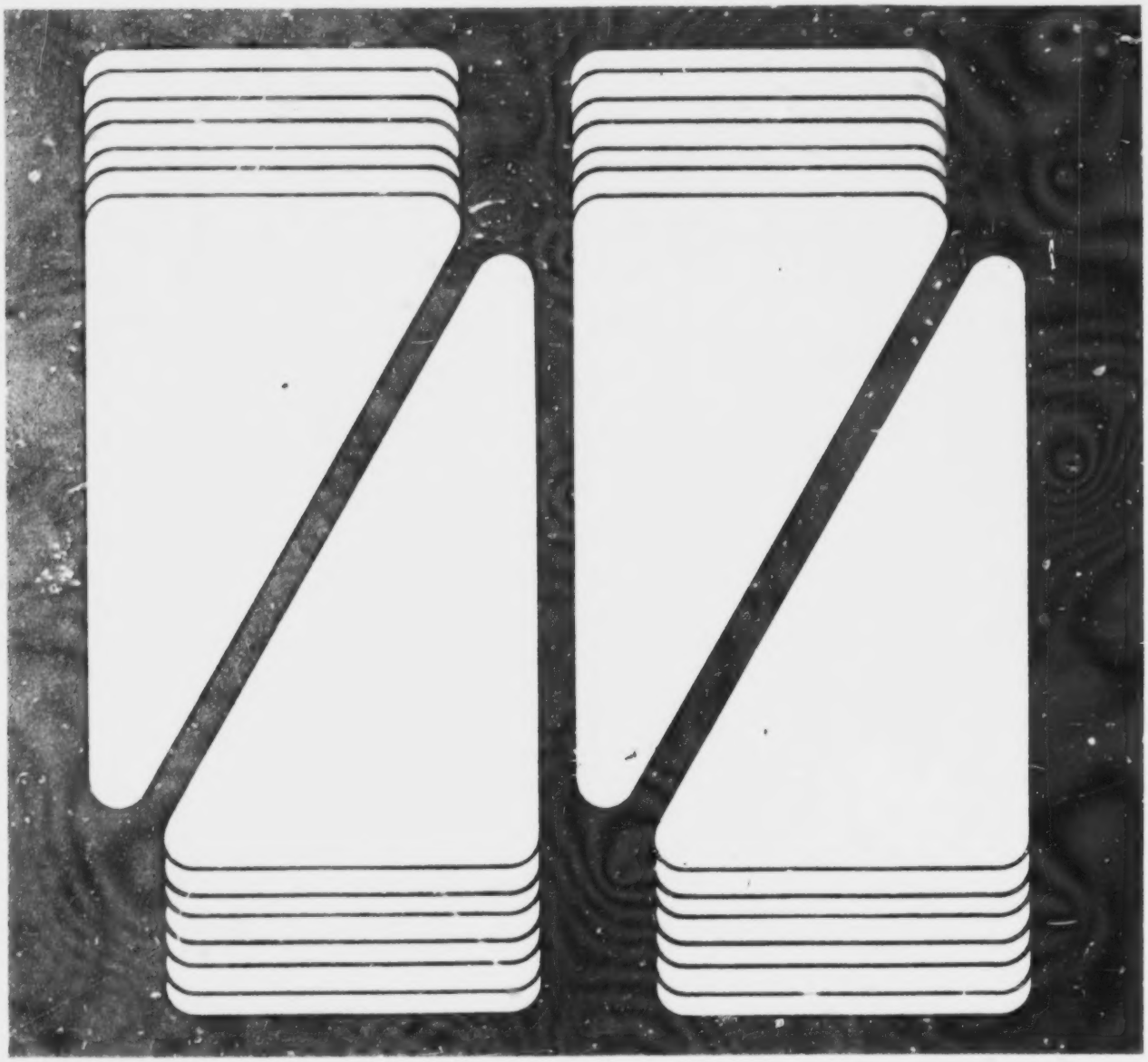

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES • Public Health Service • Office of Health Research, Statistics, and Technology

I

Catalog of Public Use Data Tapes From the National Center for Health Statistics

DHHS Publication No. (PHS) 81-1213

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES
Public Health Service
Office of Health Research, Statistics, and Technology
National Center for Health Statistics
3700 East-West Highway
Hyattsville, Maryland 20782
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II

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INTRODUCTION

The National Center for Health Statistics is the primary source of statistical data on vital events, health, and related matters pertaining to the American people. Data are obtained from a number of statistical data collection systems:

- The national vital registration system, covering births, deaths, marriages, and divorces;
- Surveys based on samples of birth and death records;
- A continuing nationwide interview survey of households;
- A series of national surveys in which physical examinations are conducted on samples of the population;
- Periodic surveys of institutions and their patients or residents;
- A continuous national sampling of short-stay hospital records; and
- Surveys of various categories of health manpower based on license renewals, reports from establishments, and other sources.

A guiding tenet of the National Center for Health Statistics (NCHS) is that the statistical data it gathers should be disseminated to all concerned consumers as promptly as resources permit. The principal forms used are published reports, special and unpublished tabulations, and public use data tapes.

The published report is and will continue to be the primary method used to distribute data. There are several series of reports including the annual volumes (Vital Statistics of the United States), the Monthly Vital Statistics Report, Advance Data From Vital and Health Statistics, and the Vital and Health Statistics series.

Information concerning special and unpublished tabulations can be obtained by directly contacting the division responsible for the data of interest.

NCHS policy is to release public use data tapes for elementary units (persons, events, or business establishments) when that can be done with existing resources and in a manner that will not in any way compromise the confidentiality guaranteed the respondents who supplied the original data. The measures taken to protect confidential information include the following:

- Personal names and addresses, except for those on some nonconfidential institutional records, never appear on the data tapes.
- Certificate numbers of vital records never appear on the tape records.
- Data from localities having less than 250,000 population are classified into geographic areas that reflect population size but do not reveal specific geographic names.

The public use data tapes produced by NCHS have been referred to as "standardized microdata tape transcripts" in order to emphasize a policy that tends to yield a maximum output of data for elementary units. Each available data set has a fixed-content, fixed-format standardized microdata tape with appropriate documentation. This minimizes communication problems between NCHS and users of the data. In particular, it avoids the wasteful, time-consuming expenditures of manpower that would be required if NCHS attempted to provide separate tailor-made tapes to different users.

Guidelines

With the goal of mutual benefit, NCHS requests that recipients of data tapes cooperate in certain actions related to their use.

Any published material derived from the data should acknowledge the National Center for Health Statistics as the original source. It should also include a disclaimer that credits any analyses, interpretations, or conclusions reached to the author (recipient of the tape) and not to NCHS, which is responsible only for the initial data. Consumers who wish to publish a technical description of the data should make a reasonable effort to insure that the description is not inconsistent with that published by NCHS.

Guidance on how to approximate the sampling errors of the estimates compiled by NCHS and information about the magnitude of the nonsampling variances are either provided with the documentation that accompanies the tapes or obtainable from NCHS. Users are urged to include appropriate sampling error statements in whatever data they publish. Information is also available on biases, and users should include statements on the biases known to affect the data in any reports they may publish.

General Information

At present, numerous data sets are available for purchase. The content of each is given in detail in the following pages.

The data are in 9-track code, either extended binary coded decimal interchange code (EBCDIC) alone or in combination with binary code. Tapes can be made available at a density of either 800, 1,600, or (only from NCHS) 6,250 bytes per inch (bpi) as specified by the requester. NCHS does not convert the data tapes to any other code formats. Record lengths, block sizes, number of records, and number of reels (for 1,600 bpi tapes) are given in the detailed descriptions.

The purchase price listed includes the cost of the magnetic tape volumes, the printed materials explaining the tape content, and the documentation necessary to utilize the files.

The majority of NCHS data tapes are now sold by the National Technical Information Service (NTIS) and are not available from NCHS. Eventually, all NCHS public use data tapes will be available from NTIS. The order form in the back of this catalog gives the address and instructions for ordering from NTIS or, in a few instances, from NCHS.

Orders to NTIS may be paid in the following ways: charged to Master Charge, VISA, or American Express; accompanied by check or money order for exact amount (payable to NTIS); or charged to your NTIS deposit account number. You may call in your order, and Federal agencies may submit a purchase order and be billed, but there is a $5.00 billing fee for these services.

Tape prices are computed as follows:

Reel 1, $125;
Successive reels, $60 each.

Allow approximately 4 weeks from the date of order for delivery.

The order form at the end of this report lists the available data sets and their prices. The form includes a statement of assurance that the data will be used solely for statistical research or reporting purposes. This statement is included in order for the Secretary of Health and Human Services to meet the requirements of section 308(d) of the Public Health Service Act, 42 USC 242(m), which provides that no information obtained through a statistical collection activity under NCHS authority may be used for any purpose other than that for which it was supplied.

To aid users of public use tapes, published reports that either describe the file or present a summary of findings have been listed for each tape. Most of the reports are in the Vital and Health Statistics series. You may wish to order and

review these publications before purchasing a data tape. To order these reports, to order a listing of all NCHS publications, or for general information on the tape program, contact:

Scientific and Technical Information Branch
National Center for Health Statistics
Center Building, Room 1-57
3700 East-West Highway
Hyattsville, Maryland 20782
Attn: Data Tape Order
(301) 436-8500

If you have a problem with a tape purchased from the National Technical Information Service, notify:

NTIS--Computer Products Office
5285 Port Royal Road
Springfield, Virginia 22161
(703) 487-4763

An NCHS technical consultant who can give information and assistance with a specific data tape has been listed in each section. Phone and room number are given for each consultant, and all can be reached at the general NCHS Hyattsville address.

DATA ON HEALTH FACILITIES

Hospitals and Nursing Homes

Coverage. NCHS maintains a computer file of selected characteristics of inpatient health facilities. This file, called the National Master Facility Inventory (NMFI), is a comprehensive list of facilities in the United States that provide medical, nursing, personal, or custodial care to groups of unrelated persons on an inpatient basis. It includes hospitals, nursing and related care homes, and other inpatient health facilities.

General Description. In order to keep the NMFI current, an annual survey of all hospitals is conducted in cooperation with the American Hospital Association. A biennial survey of nursing homes and other facilities is also conducted.

The NMFI is maintained on computer tape and contains the name and address of each facility. Table 1 lists the items in the data file.

Copies of the data tapes (one for hospitals, and one for nursing homes and other facilities), as well as printouts of the data, are available from NCHS. Neither the tapes nor the printouts for nursing homes and other facilities contain confidential data.

Documentation consists of copies of the tape layouts and questionnaires. When a data item was missing from the questionnaire, an imputed value was derived. In many cases these values are flagged so that the user is aware that an imputation was performed.

Data Years Available. The earliest available tapes are from the 1971 survey of nursing homes and the 1972 survey of hospitals. Tapes from the 1971-76 hospital surveys and from the 1971, 1973, and 1976 surveys of nursing homes are now available.

Related Reports. For a detailed account of the development of the NMFI, see Series 1, Numbers 3 and 9. Series 14, Numbers 12, 16, and 23, present summaries of NMFI findings on hospitals and on nursing homes and other health facilities.

Technical Contact. Al Sirrocco
(301) 436-8830
Room Number 1-60

Family Planning Service Sites

Coverage. NCHS maintains a computer file of selected characteristics of facilities providing medical and nonmedical family planning services. This file is called the National Inventory of Family Planning Services. It is a comprehensive listing of all facilities or service sites (excluding private physicians' offices) in which some type of family planning service, whether medical or nonmedical, is provided.

The file is maintained on computer tape and contains the name and address for each facility. Table 2 lists the items in the data file.

General Description. Data are given on the physical location of the service sites, their primary purpose and operating responsibility, the number of patients served, medical and ancillary services provided, and the contraceptive methods available. Data are based on a mail survey taken by the National Inventory of Family Planning Services of 11,340 known family planning service providers.

Copies of the data tape, in addition to printouts of the data, are available from NCHS. Neither the tape nor the printout contains confidential data. The cost for each tape is $125; the printout costs $150. It takes about 4 weeks for delivery of tape or printout.

Documentation consists of copies of the tape layout and questionnaire. When a data item was missing from the questionnaire, an imputed value was derived. These values are flagged so that the user is aware that an imputation was performed.

Data Years Available. Tapes from the 1974 and 1975 surveys are now available.

Related Reports. Series 1, Number 12, and Series 14, Numbers 15 and 19, contain relevant information.

Technical Contact. Genevieve Strahan
(301) 436-8880
Room Number 1-60

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Table 1. Summary of National Master Facility Inventory data tapes, by type of facility

Type of facility										
Hospitals							Nursing homes and other health facilites			
Name Name of administrator Ownership Type of facility Number of beds Days of care Discharges Admissions Type of service Outpatient visits Employees Facilities and services offered							Name Address Number of beds Ownership Type of facility Ages served Sexes served Number of residents			
	1971	1972	1973	1974	1975	1976		1971	1973	1976
Record length	840	748	748	748	748	748	Record length	600	196	210
Block size	8,400	4,488	4,488	4,488	4,488	4,488	Block size	3,600	1,176	6,720
Number of records	7,678	7,480	7,438	7,370	7,336	7,271	Number of records	26,773	26,003	26,748
Number of reels	1	1	1	1	1	1	Number of reels	1	1	1

Table 2. Summary of National Inventory of Family Planning Service Sites data tapes, by type of provider

Providers of medical family planning services			Providers of nonmedical family planning services		
Name Address Location Operating responsibility Primary purpose Funding sources Total patients Total new patients Total visits Medical services provided Ancillary services provided Contraceptive methods offered			Name Address Location Operating responsibility Nonmedical services provided		
	1974	1975		1974	1975
Record length	260	264	Record length	260	264
Block size	2,600	5,280	Block size	2,600	5,280
Number of records	5,714	5,636	Number of records	4,036	3,192
Number of reels	1	1	Number of reels	1	1

DATA ON HEALTH RESOURCES UTILIZATION

National Hospital Discharge Survey

Coverage. The National Hospital Discharge Survey is a continuous nationwide survey of inpatient utilization of short-stay hospitals. Survey data are abstracted from the face sheets of sampled medical records of inpatients discharged from a national sample of non-Federal short-stay hospitals (see table 3).

General Description. Medical record data include age, sex, color, marital status, expected source of payment (1977 only), discharge status, and length of stay for discharged patients. Diagnostic data include all-listed diagnoses (up to five per patient). Surgical data include a maximum of three all-listed operations per patient. Diagnostic and surgical data are coded according to the Eighth Revision International Classification of Diseases, Adapted for Use in the United States (ICDA), with certain modifications. The tapes contain no confidential data.

Documentation consists of copies of the tape layouts and the medical abstract form. When a data item was missing, an imputed value was derived.

Data Years Available. Data tapes for 1970-78 are now available.

Related Reports. A detailed description of the survey's sample design, estimating procedures, and sampling errors is in Series 2, Number 39. Series 13, Numbers 34, 35, and 41, also contain information relevant to the tapes.

Technical Contact. Robert Pokras
(301) 436-7125
Room Number 2-12

National Ambulatory Medical Care Survey

Coverage. The National Ambulatory Medical Care Survey (NAMCS) is a continuing nationwide survey designed to meet the needs for objective, reliable information about the provision and use of ambulatory medical care services in the United States.

Findings are based on a sample representative of all ambulatory office visits to medical doctors and doctors of osteopathy in the contiguous United States who are engaged in patient care in an office setting; anesthesiologists, pathologists, radiologists, and physicians in government service are not included, however.

General Description. During a randomly assigned 7-day period, the sample physicians maintained a listing of all patient visits in their offices. Data for a systematic random sample of visits were recorded by the physicians or their staff using an encounter form provided for that purpose. Specially trained interviewers visited the physicians prior to their designated week, provided survey materials, and thoroughly instructed each physician and staff member in the methods and

definitions to be used. Data were obtained on the major reason for the visit, and the patient's principal problem, complaint, or symptom was recorded in the patient's own words. Also obtained were data on the physician's principal diagnosis, treatment prescribed, the seriousness of the patient's problem, whether the patient had been seen before, and the final disposition of the visit. Table 4 lists the items in the data file.

Data are arranged by patient record, and each record is a complete description of the physician visit containing all the items in the data file, including the statistical weight for inflating the sample to population levels. All data on the tape are in EBCDIC code.

Each data tape package contains one tape volume and all necessary documentation, including tape content, NAMCS Symptom Classification, and related final data tables from publications, including relative standard error charts.

Data Years Available. Tapes for 1973, 1975, 1976, and 1977 are now available.

Related Reports. A more detailed description of the survey and summary tables for 1973 and 1975 data can be found in Series 13, Numbers 21 and 33, respectively. Advance Data Numbers 30 and 48 provide a brief explanation of the survey and a summary of findings for 1976 and 1977. Series 2, Number 63, shows data on patient problems coded according to a unique symptom classification developed specifically for NAMCS. Data on physicians' diagnoses were coded according to the Eighth Revision International Classification of Diseases, Adapted for Use in the United States (ICDA). Other reports which present findings from NAMCS are Series 13, Numbers 36, 40, and 42, and many Advance Data reports.

Technical Contact. Ray Gagnon
(301) 436-7132
Room Number 2-12

National Nursing Home Survey

Coverage. The National Nursing Home Survey (NNHS) is a continuing series of national sample surveys of nursing homes, their residents, and their staff. The most recent survey was conducted during the period May-December 1977 and covered all nursing homes, personal care homes (with or without nursing), and domiciliary care homes in the conterminous United States. Besides providing national estimates of nursing homes, the 1977 NNHS was supplemented with additional nursing homes to provide reliable estimates for selected States. The States for which estimates are available (California, Illinois, Massachusetts, New York, and Texas) cover one-third of the nursing home population. Data from two previous surveys of nursing homes, conducted during August 1973-April 1974 and June-August 1969, are also available. The 1973-74 survey covered nursing homes and personal care homes with nursing, while the 1969 survey covered nursing and personal care homes (with or without nursing).

General Description. The data were sampled using a stratified two-stage probability design. The first stage was a selection of facilities; the second was a

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Table 3. Summary of National Hospital Discharge Survey data tapes

Data year
Age at date of admission
Date of birth (month, day, year)
Sex
Race
Marital status
Expected source of payment—primary and others for 1977 and 1978 (10 categories)
Date of admission (month, day, year)
Date of discharge (month, day, year)
Discharge status
Diagnostic codes (from one to five 4-digit ICDA diagnostic codes)
Surgical codes (from one to three 3-digit ICDA surgical codes)
Size of hospital
Ownership of hospital
Length of stay in days
Weight (final adjusted weight for each sample record)
Geographic region and division of hospital

Record length	150
Block size	4,500
Number of records:	
1970	205,675
1971	197,727
1972	224,504
1973	224,784
1974	227,323
1975	231,670
1976	223,196
1977	224,134
1978	218,632
Number of reels for each data year	1

Table 4. Summary of National Ambulatory Medical Care Survey data tapes

Patient data

Date of visit
Date of birth
Sex
Race
Principal problem(s) (up to 3)
Seriousness of problem
Ever seen before:
If yes, for current problem or another problem?
Major reason for visit
Principal diagnosis(es) (up to 3)
Diagnostic and therapeutic services ordered or provided
Disposition of visit
Duration of visit (in selected time intervals)
Weight (final adjusted weight for each sample record)
Region code
SMSA or non-SMSA code

Physician data

Specialty
Type of practice

	1973	1975	1976	1977
Record length	85	92	92	90
Block size	3,400	4,600	4,600	4,500
Number of records	29,143	62,697	51,224	51,004
Number of reels	1	1	1	1

selection of residents and employees of the sample facilities. The sampling frame for residents was the total number of residents on the register of the facility on the evening prior to the day of the survey. The sampling frame for employees was the list of all staff members including those employed by contract. Only staff members involved in direct patient care (administrative, medical, therapeutic, and nursing staff) were sampled. Survey data were collected using a combination of personal interview and self-enumerated forms.

The 1977 NNHS differed from previous surveys by the inclusion of an additional sample of persons discharged from the nursing home during calendar year 1976. The sample of discharges (both alive and dead) was included in the 1977 NNHS to provide information on duration of stay in nursing homes and the characteristics of persons spending a relatively short time in the facility. Other new data items collected in the 1977 NNHS include 1976 resident days of care by program certification, number of full-time and part-time vacancies budgeted by the facility, and revenues for 1976. New data items collected in the resident questionnaire include the relationship of visitors to residents and the amount of the total monthly charge paid for by the resident's primary payment source.

The package of data tapes from the 1977 survey is available in two versions: national and State. The national version includes only those cases selected in the national sample, while the State version includes only those cases selected for California, Illinois, Massachusetts, New York, and Texas. Thus the record weights on the national tapes inflate to national estimates of nursing homes, residents, etc., while the record weights on the State tapes inflate to State estimates. The package of tapes in both the national and State versions consists of the facility file, resident file, discharge file, and staff file (table 5). The tape layout for all of these files will be the same for both the national and State versions.

The package of tapes for the 1973-74 survey consists of the facility file, resident file, staff control record, and staff file (table 6). The package of data tapes available from the 1969 survey consists of the facility file and the resident file (table 7). Although the design of the 1969 survey was similar to that for 1973-74, much less data was collected in 1969.

For each survey year the tapes are sold as a complete package containing a tape layout of the data. The tapes have been edited to insure consistency and to adjust for nonresponse.

Data Years Available. Tapes for 1977, 1973-74, and 1969 are now available.

Related Reports. A more detailed discussion of the NNHS, some summary tables, and copies of the questionnaires for the 1977 survey are found in Series 13, Number 43. Similar information for the 1973-74 NNHS is in Series 13, Numbers 22, 27-29, 32, and 38. Series 12, Numbers 18-24, show detailed information about the 1969 survey and copies of the questionnaires. Other reports containing information from the NNHS are Series 14, Numbers 17 and 20.

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Room Number 2-12

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Table 5. Summary of 1977 National Nursing Home Survey data tapes, by type of file

Facility file		Resident file	
Type of service code		Facility number	
Ownership code		Age	
Admissions policy concerning sex and age		Sex	
Number of beds (1976 and 1977)		Ethnicity	
Number of residents		Marital status	
Certification status		Date of last admission	
Reimbursement method by program certification		Residence before admission	
Original purpose of building		Reason for admission	
Admissions (1976)		Primary diagnosis at last examination	
Vacant full- and part-time staff positions		Conditions or impairments	
Resident days (1976)		Aids used	
Services provided		Services received	
Staff coverage of daily shifts		Medications received	
Medical director arrangements		Activities for daily living characteristics	
Services to nonresidents		Incidence and frequency of behavior problems	
Waiting list data		Physician contact	
Expenses and revenues (1976)		Vision status	
Geographic region recode		Hearing and speaking ability	
DHHS administrative regions		Recreational activities	
Facility weight		Overnight leave	
Expense weight		Frequency of visitors	
		Relationship of visitors	
		Sources of payment	
		Total monthly charges for care	
		Amount paid by primary source	
		Level of patient care	
		Resident weight	
Record length	1,465	Record length	798
Block size	5,860	Block size	6,384
Number of records	1,451	Number of records	7,033
Number of reels	1	Number of reels	1

Discharge file		Staff file	
Facility number		Facility number	
Age at discharge		Sex and age	
Sex		Ethnicity	
Ethnicity		Contract employee indicator	
Marital status		Part-time employee indicator	
Date of admission and discharge		Occupation code	
Discharge status (alive/dead)		In charge of shift	
Residence after discharge for live discharges		Length of work experience	
Primary diagnosis at admission		Hours worked	
Conditions or impairments		Salary	
Aids used		Additional benefits	
Services received		Services performed	
Physician contact		Education	
Mobility status		Staff weight	
Continence status			
Sources of payment			
Total monthly charges for care			
Amount paid by primary source			
Level of patient care			
Discharge weight			
Record length	498	Record length	355
Block size	6,972	Block size	7,100
Number of records	5,142	Number of records	13,634
Number of reels	1	Number of reels	1

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Table 6. Summary of 1973-74 National Nursing Home Survey data tapes, by type of file

Facility file		Resident file	
Type of service code		Facility number	
Ownership code		Age	
Admissions policy by sex and age		Sex	
Number of beds		Ethnicity	
Number of residents		Marital status	
Certification status		Date of last admission	
Original purpose of building		Residence before admission	
Admissions (1972)		Reason for admission	
Live discharges (1972)		Primary diagnosis at admission and last examination	
Dead discharges (1972)		Conditions or impairments	
Resident days (1972)		Aids used	
Number of rooms with 4 beds or more		Services received	
Services provided		Medications received	
Staff coverage of daily shifts		Activities for daily living characteristics	
Staff supervision of clinical services		Incidence and frequency of behavior problems	
Services to nonresidents		Physician contact	
Waiting list data		Vision status	
Expenses (1972)		Hearing and speaking ability	
Region recode		Recreational activities	
SMSA recode		Overnight leave	
Facility weights		Frequency of visitors	
Expense weights		Basic and total monthly charges for care	
		Sources of payment	
		Level of patient care	
		Resident weight	
Record length	1,150	Record length	450
Block size	11,500	Block size	4,500
Number of records	1,908	Number of records	19,013
Number of reels	1	Number of reels	1

Staff control record		Staff file	
Facility number		Facility number	
Number of employees by job categories		Sex	
Number of employees sampled by job categories		Ethnicity	
Staff control weight		Contract employee indicator	
Sex		Part-time employee indicator	
Ethnicity		Occupation code	
Contract employee indicator		In charge of shift	
Part-time employee indicator		Length of work experience	
Part-time hours		Hours worked	
Occupation code		Salary	
		Additional benefits	
		Services performed	
		Education	
		Attitudes	
Record length	84	Record length	350
Block size	8,400	Block size	7,000
Number of records	164,486	Number of records	20,620
Number of reels	1	Number of reels	1

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Table 7. Summary of 1969 National Nursing Home Survey data tapes, by type of file

Facility file		Resident file	
Number of inpatients (12/31/68)		Ownership code	
Number receiving nursing care		Type of service code	
Inpatient days of care (1968)		Age	
Admissions (1968)		Sex	
Live discharges (1968)		Race	
Place of discharge		Marital status	
Dead discharges (1968)		Date of last admission	
Number of beds		Conditions or impairments	
Number of inpatients last night		Primary and secondary diagnoses	
Number of inpatients receiving nursing care		Services received	
Total employees		Aids used	
Routine services provided		Mobility status	
Contract services provided		Hearing ability	
Ownership code		Vision status	
Type of service code		Continence	
Facility weight		Monthly charges for care	
		Sources of payment	
		Level of patient care	
		Resident weight	
Record length	285	Record length	384
Block size	2,850	Block size	3,840
Number of records	1,854	Number of records	19,163
Number of reels	1	Number of reels	1

DATA ON VITAL EVENTS

The National Center for Health Statistics promotes uniform collection of birth, death, marriage, and divorce records in a national registration system; analyzes and interprets official vital statistics; integrates technical and legal aspects of the vital registration system; conducts surveys to expand the scope of national vital statistics beyond the data usually available from vital records; uses actuarial methods to construct annual life tables; and investigates the quality and reliability of data and methodology.

The birth and death registration system of the United States covers the 50 States and the District of Columbia. Data on marriages and divorces are not uniformly available for the United States. The marriage registration system covered 39 States in 1968 and 41 States beginning in 1971. The District of Columbia was included for all years. The system for divorce registration covered only 26 States in 1968, 28 States in 1969, and 29 States in 1971.

Mortality, marriage, and divorce data are available for 1968-77. Natality data are available for 1968-78.

Natality Data

Coverage. Natality data include all births occurring within the United States. Births occurring to U.S. citizens outside the United States are not included.

General Description. Data obtained from certificates filed for births occurring in the years 1968-78 are presently available for release. Data were obtained from a 50-percent sample of certificates during 1968-71. Starting in 1972 all records were included for States participating in the Cooperative Health Statistics System. By 1975 over half the States participated in the Cooperative Health Statistics System; today, all but nine participate.

Beginning with 1970 data, geographic areas are classified as defined for the 1970 census enumeration. Standard metropolitan statistical areas (SMSA's) are as defined for 1970. Place of occurrence is classified by State and county. In residence classification, all births are allocated to the usual place of residence of the mother as reported on the birth certificate.

Beginning in 1970 the place of residence for mothers who are nonresidents of the United States has been coded to the country of residence (eight categories). Formerly these births were considered resident births of the place of occurrence. Birth certificate numbers are not on the tapes. Tables 8 and 9 list the items in the data file.

Three data tape files are available for each year. The detail file includes one tape record for each birth in the sample. Data on the local area summary file and the State summary file have been weighted and represent a total count of births and estimates of the variables on the tapes. A discussion of the sample design, sampling errors, and a table of standard errors, copied from the technical appendix

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Table 8. Summary of 1968 natality data tapes, by type of file

Detail	Local area summary[1]	State summary[1]
Data year Residence of mother: State County City (250,000 persons or more) Population size SMSA Metropolitan/nonmetropolitan Age of mother (single years, 12-49) Attendant at birth Birth weight (grams) Gestation period[2] (single weeks, 17-52) Legitimacy[2] Live-birth order Month of birth Place of birth (State, county) Plurality (5 categories) Race of: Child (7 categories) Father (8 categories) Mother (8 categories) Sex of child	*Stub A variables* Residence of mother: State SMSA Metropolitan/nonmetropolitan County City (10,000 persons or more) Population size Race of child (3 categories) *Spread A variables* Attendant at birth Sex of child Birth weight (500-gram groups) Illegitimate births by age of mother[2] (under 15; single years, 15-19; 5-year groups, 20-49) *Stub B variables* Residence of mother: State SMSA Metropolitan/nonmetropolitan Race of child (3 categories) *Spread B variables* Live-birth order Age of mother (5-year groups)	*Stub A variables* State of residence Race of child (2 categories) Sex of child Age of mother (5-year groups) Gestation period[2] (10 categories) *Spread A variables* Plurality (3 categories) Birth weight (500-gram groups) Live-birth order *Stub B variables* State of residence Race of child (2 categories) Sex of child Age of mother (5-year groups) *Spread B variable* Month of birth
Record length..... 81 Block size..... 1,620 Approximate number of records..... 2,000,000 Number of reels..... 7	Record length..... 95 Block size..... 950 Approximate number of records..... 45,992 Number of reels..... 1	Record length..... 95 Block size..... 950 Approximate number of records..... 112,892 Number of reels..... 1

[1]Variables within a given stub may be cross-tabulated with one another; variables within a given spread may not be cross-tabulated with one another.

[2]Applicable only for those States having information on the certificate.

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Table 9. Summary of 1969-78 natality data tapes, by type of file

Detail[1]	Local area summary[2]	State summary[2]
Data year	*Stub A variables*	*Stub A variables*
Residence of mother:[3]		
State	Residence of mother:[3]	State of residence[3]
County	State	Race of child (9 categories)
City (250,000 persons or more)	County	Plurality (1971-78; 3 categories)
Population size	City (10,000 persons or more)	Sex of child
SMSA	Population size	Live-birth order
Metropolitan/nonmetropolitan	SMSA	Age of mother (under 15 years; single years, 15-49)
Age of:	Metropolitan/nonmetropolitan	
Father (1969-70: under 18 years. single years 18 and over; 1971-78: single years 10 and over)	Race of child (3 categories)	
	Sex of child	
Mother (single years, 10-49)		
Attendant at birth	*Spread A variables*	*Spread A variables*
Birth date (month/day)		
Birth weight (in grams)	Birth weight (500-gram groups)	Birth weight (500-gram groups)
Education of:[4]	Attendant at birth	Total birth order
Father (single years, 0-17)		Month of birth
Mother (single years, 0-17)		
Gestation period[4] (single weeks, 17-52)	*Stub B variables*	*Stub B variable*
Interval in months:[4]		
Since last fetal death	Residence of mother:[3]	State of occurrence
Since last live birth	State	
Since termination of last pregnancy	County	
Legitimacy[4]	City (10,000 persons or more)	
Live-birth order	Population size	
Month/year:[4]	SMSA	
Of last fetal death	Metropolitan/nonmetropolitan	
Of last live birth	Race of child (3 categories)	
Month of pregnancy prenatal care began	Sex of child	
Outcome of last pregnancy[4]	Age of mother (under 15 years; single years, 15-19; 5-year groups, 20 years and over)	
Nativity of mother (1970, 1971, 1973-78)		
Number of prenatal visits (1972-78)	Education of mother[4] (6 categories)	
Place of birth (State, county)	Place of delivery (1978 only)	
Plurality (1971-78; 5 categories)	Attendant at birth (1975-78)	
Race of:		
Child (9 categories)	*Spread B variables*	*Spread B variables*
Father (10 categories)		
Mother (10 categories)	Age of mother (5-year groups)	Month of birth
Record weight (1972-78)	Live-birth order	Resident status
Sex of child	Legitimacy status[4]	
Total birth order		

Record length	215	Record length	160	Record length	160
Block size	4,300	Block size	3,200	Block size	3,200
Approximate number of records	1,800,000-2,772,000	Approximate number of records	336,000-529,000	Approximate number of records	119,000-135,000
Number of reels:		Number of reels:		Number of reels:	
1969	12	1969	2	1969	1
1970	12	1970	2	1970	1
1971	12	1971	2	1971	1
1972	11	1972	2	1972	1
1973	12	1973	2	1973	1
1974	13	1974	2	1974	1
1975	14	1975	3	1975	1
1976	15	1976	3	1976	1
1977	17	1977	3	1977	1
1978	15	1978	2	1978	1

[1]All data items in the detail file are in EBCDIC code. The stub portion of all summary records consists of EBCDIC codes, and the spread portion consists of a series of full-word binary fields containing numbers of births.

[2]Variables within a given stub may be cross-tabulated with one another; variables within a given spread may not be cross-tabulated with one another.

[3]Beginning in 1970 the place of residence for mothers who were nonresidents of the United States has been coded to the country of residence (8 categories). Formerly these births were considered resident births of the place of occurrence. The local area and State summaries exclude data for nonresidents of the United States.

[4]Applicable only for those States having information on the certificate.

of Vital Statistics of the United States, Volume I, is included in the documentation. Each data tape package contains the necessary documentation including tape content.

Data Years Available. Data from 1968-78 are available now.

Related Reports. Some reports that have information relating to the data tapes are Series 21, Numbers 27, 28, and 30-33; Monthly Vital Statistics Reports; and Vital Statistics of the United States, Volume I, Natality.

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Mortality Data

Coverage. Mortality data include all deaths occurring within the United States. Deaths of U.S. civilians and deaths of members of the Armed Forces occurring outside the United States are not included.

General Description. Data obtained from microfilm copies of certificates filed for deaths occurring from 1968-77 are presently available for release. Demographic and medical information includes classification by place of occurrence and residence, age, race, sex, and underlying cause of death. Cause of death is classified in accordance with the International Classification of Diseases, Adapted for Use in the United States. Beginning with 1970 data, geographic areas are classified as defined for the 1970 census enumeration. Place of occurrence is classified by State and county. In residence classification, all deaths are allocated to the usual place of residence of the decedent as reported on the death certificate.

Beginning in 1970 the place of residence for decedents who were nonresidents of the United States has been coded to the country of residence (eight categories). Formerly these deaths were considered resident deaths of the place of occurrence.

In the detail file one tape record exists for each death that occurred for all years except 1972, for which one tape record exists for each death in the 50-percent sample processed. Death certificate numbers are not on the tapes. Table 10 lists the items in the data file for 1968-77.

Three data tape files (detail file, local area summary, and cause-of-death summary) are available for each year. Each data tape package contains all necessary documentation including tape content.

Data Years Available. Data from 1968-77 are available now. Data for future years will become available as the data are processed.

Related Reports. Reports that have data relating to the tapes are Series 20, Numbers 5, 9, and 16. Other good references are the Monthly Vital Statistics Reports and Vital Statistics of the United States, Volume II, Parts A and B.

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Table 10. Summary of 1968-77 mortality data tapes, by type of file

Detail[1]	Local area summary	Cause-of-death summary
Data year	*Stub variables*[1]	*Stub variables*[1]
Residence of decedent:[2]		
State	Residence of decedent:[2]	State of residence[2]
County	State	Sex
City (250,000 persons or more)	County	Race:
Population size	City (10,000 persons or more)	1968 (7 categories)
SMSA	Population size	1969-75 (9 categories)
Metropolitan/nonmetropolitan	SMSA	Underlying cause of death:
Age at death (single years)	Metropolitan/nonmetropolitan	Each cause
Month of death	Underlying cause of death:	Recoded to 281 cause-of-death groups
Day of death (1972-77)	Recoded to 69 cause-of-death groups	Recoded to 69 cause-of-death groups
Place of death (State, county)	Recoded to 34 cause-of-death groups	
Race:		
1968 (7 categories)	*Spread variable*[1]	*Spread variables*[1]
1969-75 (9 categories)		
Sex	Total number of deaths	Age at death:
Underlying cause of death:		5-year age groups
Each cause		Single years under 5 years of age
Whether autopsy performed (1972-77)		Under 1 year:
Whether findings used (1972-77)		Less than 1 day
		1-6 days
		7-27 days
		1-11 months
		Month of death
Record length 160	Record length 28	Record length 194
Block size 3,200	Block size 1,400	Block size 1,940
Approximate number of records 2,000,000	Approximate number of records 180,000	Approximate number of records 180,000
Number of reels:	Number of reels:	Number of reels:
1968 10	1968 1	1968 2
1969 10	1969 1	1969 2
1970 10	1970 1	1970 2
1971 10	1971 1	1971 2
1972 5	1972 1	1972 1
1973 10	1973 1	1973 2
1974 10	1974 1	1974 2
1975 10	1975 1	1975 2
1976 10	1976 1	1976 2
1977 10	1977 1	1977 2

[1]All data items in the detail file are in EBCDIC code. The stub portion of all summary records consists of EBCDIC codes, and the spread portion consists of a series of full-word binary fields containing numbers of deaths.

[2]Beginning in 1970 the place of residence for decedents who were nonresidents of the United States has been coded to the country of residence (8 categories). Formerly these deaths were considered resident deaths of the place of occurrence. The local area and cause-of-death summaries exclude data for nonresidents of the United States.

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Marriage Data

Coverage. Marriage data are based on samples of marriage certificates obtained from States meeting reporting criteria for the marriage registration area. In 1968 the marriage registration area covered 39 States and the District of Columbia. South Carolina and Minnesota were included beginning in 1971.

Marriage statistics include all marriages occurring within the specified areas. Marriages of U.S. civilians and marriages of members of the Armed Forces occurring outside those areas are not included.

General Description. Demographic information includes geographic classification (States only), age, race, sex, and previous marital status for each partner in the marriage. Certificate numbers are not on the tapes. Table 11 lists the items in the data file.

Records of each State in the registration area were sampled at one of the five sampling rates used in processing 1968-77 data. One tape record for each marriage is included in the sample. The tape record includes a weight based on the sampling fraction of the reporting State. Each data tape package contains all necessary documentation, including tape content. A discussion of the sample design, sampling procedures, estimating procedures, and sampling errors, published in the technical appendix of Vital Statistics of the United States, Volume III, is included in the documentation.

Data Years Available. Data from 1968-77 are available now.

Related Reports. Reports that relate to the data tapes are Series 21, Numbers 25 and 31, and the Monthly Vital Statistics Reports.

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Divorce Data

Coverage. Divorce data are based on information from samples of divorce certificates obtained from States meeting reporting criteria for the divorce registration area. The divorce registration area covered 26 States in 1968 and 28 States in 1969. South Carolina was included beginning in 1971.

Divorce statistics include all divorces and annulments occurring within the specified areas. Divorces occurring outside those areas are not included.

General Description. Demographic information includes geographic classification (States only), age, race, sex, and marital status before the marriage concerned for each partner in the divorce. Divorce certificate numbers are not on the tapes. Table 12 lists the items in the data file.

Records of each State in the registration area were sampled at one of the four sampling rates used in processing 1968-77 data. One tape record for each divorce is included in the sample. The tape record includes a weight based on the sampling fraction of the reporting State. The data tape package contains all necessary documentation, including tape content. A discussion of the sample design, sampling procedures, estimating procedures, and sampling errors, published in the techical appendix of Vital Statistics of the United States, Volume III, is included in the documentation.

Data Years Available. Data from 1968-77 are available now.

Related Reports. Reports relating to the data tape are Series 21, Numbers 29 and 34, and the Monthly Vital Statistics Reports.

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Table 11. Summary of 1968-77 marriage data tapes

Data year
Age of:
  Bride
  Groom
Date of birth (month/year):
  Bride
  Groom
Date of marriage (month/day)
Date last marriage ended[1] (1970-77):
  Bride
  Groom
Education[1] (1970-77):
  Bride
  Groom
Number of this marriage:
  Bride
  Groom
Previous marital status:
  Bride
  Groom
Race:[1]
  Bride (3 categories)
  Groom (3 categories)
State of birth (1969-77):[1]
  Bride
  Groom
State of marriage
State of residence:[2]
  Bride
  Groom
Type of ceremony (1972-77)
Record weight

Record length	140
Block size	2,800
Approximate number of records	183,165-667,000
Number of reels:	
1968	1
1969	1
1970	1
1971	1
1972	2
1973	2
1974	2
1975	3
1976	3
1977	3

[1]Applicable only for those States having information on the certificate.

[2]Beginning in 1970 the place of residence for brides or grooms who were nonresidents of the United States has been coded to the country of residence (8 categories). Formerly these persons were considered resident brides or grooms of the place of occurrence.

Table 12. Summary of 1968-77 divorce data tapes

Date year
Age at decree and at marriage:
  Husband
  Wife
Age at separation[1] (1970-77):
  Husband
  Wife
Date of birth (month/year):
  Husband
  Wife
Plaintiff (1974-77)
Date of marriage (month/year)
Date of separation (month/year; 1970-77)
Education[1] (1970-77):
  Husband
  Wife
Month of divorce
Number of children under 18 years of age
Number of this marriage:
  Husband
  Wife
Number of previous marriages ended by death[1] (1970-77):
  Husband
  Wife
Number of previous marriages ended by divorce[1] (1970-77):
  Husband
  Wife
Race (3 categories):
  Husband
  Wife
State of marriage (1972-77)
State of divorce
Total number of living children[1] (1970-77)
Record weight

Record length	140
Block size	2,800
Approximate number of records	62,000-246,000
Number of reels	1

[1]Applicable only for those States having information on the certificate.

DATA FROM THE NATIONAL SURVEY OF FAMILY GROWTH

Coverage. The National Survey of Family Growth (NSFG) is a cyclic survey of civilian noninstitutionalized women living in the conterminous United States who are less than 45 years of age and are currently married, previously married, or single with natural children presently living in the household. Data are collected by means of personal interviews with a probability sample of these women. Fieldwork for Cycle I, conducted by the National Opinion Research Center during a period centering on September 1973, yielded 9,797 interviews. Fieldwork for Cycle II, conducted by Westat, Inc., during a period centering on April 1976, yielded 8,611 interviews.

General Description. The National Survey of Family Growth was initiated to provide current information on family formation, contraception, and reproduction and the effects of these processes on population growth. It is similar in design and purpose to the Growth of American Families (GAF) studies conducted by the Scripps Foundation and the University of Michigan in 1955 (GAF-I) and 1960 (GAF-II) and to the National Fertility Surveys (NFS) conducted by the Office of Population Research, Princeton University, in 1965 (NFS-I) and 1970 (NFS-II). In combination, the three series of surveys provide comparable data on many aspects of the American fertility experience over time.

Topics covered in the interview for Cycle I of NSFG included marital history, pregnancy history, employment, occupation, child care, fecundity and sterility, selected medical conditions, prenatal and postnatal medical care, family planning consultations, birth expectations, family size and sex preferences, residence, ethnicity, education, religion, and income. In addition, general information on contraception was obtained for each pregnancy interval, and detailed information on contraception was obtained for each month in the 3 years before interview. A series of questions was also asked to establish whether or not each pregnancy was wanted by husband and wife just before conception. Some information was obtained about the husband, including residence, ethnicity, education, religion, occupation, and income.

The data for Cycle I are contained on one record, beginning with information about the respondent and her husband and followed by information about the respondent's pregnancies and births. The data for Cycle II are available in a choice of file formats--respondent (or couple) data alone, pregnancy interval data alone, or combined respondent and interval data. Table 13 shows the items in the data files for both cycles.

Each record contains a single weight to be used in obtaining national estimates from the data. The complex sample design makes computation of variance estimates difficult, but reports published by NCHS on Cycle I of NSFG contain charts from which standard errors of certain statistics may be estimated. (See Series 2, Number 76.)

Each data tape package contains one tape volume and all necessary documentation: tape contents manual; interview schedule; and description of sample design, estimation procedures, and variance estimation.

Data Years Available. Tapes for Cycle I and Cycle II are now available.

Related Reports. Some reports that relate to the data tapes are Series 23, Numbers 1 and 2, and Advance Data Numbers 9, 10, 11, 26, 36, 40, 43, and 45. The sample design of the National Survey of Family Growth is shown in Series 2, Number 76.

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Table 13. Summary of 1973 and 1976 National Survey of Family Growth data tapes, by type of file

Couple data	Interval data
Marital status Ideal family size Premarital preferred family size Children born to mother of respondent and her husband's mother Date of birth of: Respondent Husband Date of present marriage Dates previous marriages began and ended and reasons for dissolutions Current pregnancy status Number of pregnancies and births Number of husband's children Number of adopted children Contraceptive method used each month in the 3 years before interview Dates of sterility or subfecundity Number of additional births intended Reasons for not contracepting Timing of expected births Preferences for number and sex of children Provider of and mode of payment for prenatal care Hospitalization of infant and mother after birth Year of onset of diabetes, high blood pressure, and anemia (Cycle I only) Doctor visit, pelvic exam, Pap smear, and family planning consultation before marriage or in last 5 years (3 years in Cycle II) Provider of family planning consultation, method recommended, and discussion of side effects Source of contraceptive supply Provider of infertility consultation in last 5 years Use of rhythm to conceive Use of oral contraceptive for medical reasons Race observed by interviewer Farm residence in childhood, respondent and husband State of residence in childhood, respondent and husband Living with parents in childhood, respondent and husband Ethnicity, respondent and husband (15 categories) Educational attainment, respondent and husband (19 categories) Years of education in religious schools Education at time of marriage, respondent and husband Husband's age at marriage (single years) Work for pay before marriage and in intervals between and after births Type and hours of child care Occupation: 3-digit Census categories, respondent and husband Occupational prestige: standardized score, respondent and husband	*Open interval* Months with no intercourse Contraceptives used Dates began and stopped contraception Regularity of contraception Current contraceptive practice *Pregnancy intervals ending in 3 years before interview*[1] Number of intervals Order of interval Months without intercourse Contraceptives used Dates began and stopped contraception Regularity of contraception Date interval ended by pregnancy *Pregnancy intervals ending in birth* [2] Order of interval Date of birth Sex of child Birth weight (pounds, ounces) Date of child's death if deceased Date child last lived with respondent if living Number of months child breast fed *All pregnancy intervals*[3] Order of interval Contraception in interval Termination of contraception for pregnancy Desire for another baby Husband's desire for another baby Desire for pregnancy at that time Husband's desire for pregnancy at that time Date pregnancy ended Outcome of pregnancy

See footnotes at end of table.

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Table 13. Summary of 1973 and 1976 National Survey of Family Growth data tapes, by type of file—Con.

Couple data	Interval data
Job income (dollar amount) Religion, respondent and husband (18 categories) Attendance at religious services, respondent and husband Employment status, respondent and husband Amount and sources of income earned in last 12 months by respondent, husband, and other family members Interview date	

	Cycle I, 1973: Couple and interval data	Cycle II, 1976:		
		Couple data	Interval data	Couple and interval data
Record length	2,100	1,000	200	1,000
Block size	2,100	1,000	10,000	10,000
Number of records	9,797	8,611	23,042	31,653
Number of reels	1	1	1	1

[1]Data are given for each interval.
[2]Data are given for each birth.
[3]Data are given for each pregnancy

DATA FROM THE NATIONAL NATALITY AND MORTALITY SURVEYS

Coverage. The National Natality and Mortality Surveys are based on calendar-year samples of births and deaths from within the registration system.

General Description. There are three birth surveys, which cover only births to married women in the years 1964-66, 1967-69, and 1972. The 1964-66 survey includes such topics as pregnancy history, birth expectations, family composition, employment status, health insurance coverage, and selected socioeconomic variables (table 14). In the 1967-69 survey, several new variables were introduced, including additional items relative to employment of mother, religious preference, prenatal and postnatal care, and cigarette smoking (table 15). In 1968 and 1969 a variable was added on whether or not the mother had wanted to become pregnant with the sample child. The 1972 survey is similar in content to the 1964-66 and 1967-69 surveys but does not include items on employment status, religious preference, or cigarette smoking. However, the 1972 survey includes new data on maternal and infant health available from questionnaires sent to physicians and hospitals (table 16).

A 1964-66 infant mortality survey was patterned closely after the 1964-66 birth survey, which also provides denominators for the 1964-66 infant mortality data. Because the data tapes contain multiple records per sample child, the number of records is not the same as the number of sample children or single cases. Table 17 lists the items on the data tapes.

Separate data tapes are available for each year of the 1967-69 birth survey. Combined 3-year tapes are available for the 1964-66 birth survey and 1964-66 infant mortality survey. A combined tape is not available for the 1967-69 birth survey.

A mortality survey in 1966-68 collected data on the smoking habits of decedents aged 35-84. Further information was gathered on household composition, family income, and assets for decedents aged 50 and over. Only a combined tape is available for the 1966-68 mortality survey; the tape summary can be seen in table 18.

Selected birth and death record data supplement the survey data on the tapes. Each data tape package includes all necessary documentation.

Data Years Available. Survey data are available only for the years shown above.

Related Reports. Reports from followback surveys are published in Series 22. Contact the Scientific and Technical Information Branch, NCHS, for copies of listings of these reports. (See "General Information" for address.)

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Table 14. Summary of 1964-66 National Natality Survey data tapes, by source

Birth certificate	Survey questionnaire
State of: Occurrence of birth Mother's residence Metropolitan/nonmetropolitan (county of mother's residence) Age of: Father (in single years) Mother (in single years) Race of: Father (8 categories) Mother (8 categories) Child (8 categories) Sample child: Sex Date of birth Reported or inferred legitimate Birth weight in grams Number at birth Presence of congenital abnormalities Live-birth order Completed weeks of pregnancy Attendant at birth (4 categories) Type of delivery Sample weight factor: Annual 3-year average	Live-birth order Number of: Children born alive, now dead Fetal deaths Miscarriages Date of: Birth of all live-born children Death of each child (if any) Sex of all live-born children Current status of each child (dead or alive) Number of children living away from home Expectations of future births, including qualifications to mother's response Date of birth of: Father Mother Date of mother's: First marriage Present marriage Education of: Father (in single years) Mother (in single years) Family income (10 categories) Mother's employment during pregnancy (if employed, when did she quit?) Health insurance on mother for: Physician visits Hospitalization Physician care in hospital Household composition (household status, family status, family type)

Record length	720
Block size	720
Number of records	10,396
Number of reels	1

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Table 15. Summary of 1967-69 National Natality Survey data tapes, by source

Birth certificate	Survey questionnaire
State of: Occurrence of birth Mother's residence Age of: Father (in single years) Mother (in single years) Race of: Father (8 categories) Mother (8 categories) Child (8 categories) Education of: Father (in single years) Mother (in single years) Number of: Previous children born alive, still living Previous children born alive, now dead Fetal deaths Date of birth of: Sample child Last live birth Sample child: Sex Number at birth Reported or inferred to be legitimate Birth weight in grams Presence of congenital abnormalities (1967 only) Completed weeks of pregnancy Attendant at birth (5 categories) Type of delivery (1967 only) Sample weight factor	Number of previous: Children still living Fetal deaths—date of last, if any (1967 only) Miscarriages—date of last, if any (1967 only) Wantedness status of sample child (1968 and 1969 only) Interval between: First-born and sample child Last previous birth and sample child Expectations of future children: Number When next child expected When last child expected Mother's marital history: Year of first marriage Year first marriage ended Year of present marriage Education of: Father (in single years) Mother (in single years and year it was completed) Religion of: Father (6 categories) Mother (6 categories) Household composition (1967 only—household status, family status, family type) Income: Total family income (11 categories) Sources of family income (1967 only—wage, welfare, farm-business, other) Husband's income (11 categories) Mother's employment history: Worked before marriage Worked after marriage before birth of first child Worked between this pregnancy and the previous one Worked during this pregnancy—if so, when did she quit? Worked since birth of baby Working now—if so, when did she return? Plans to return to work—if so, when? Prenatal and postnatal care: Did mother see doctor or nurse during pregnancy—if so, during what month? Did mother see doctor or nurse after delivery—if so, during what month? Did doctor or nurse examine baby after delivery—if so, during what month? Nights mother and baby spent in hospital (1967 only) Cigarettes mother smoked a day: Before she knew she was pregnant After she knew she was pregnant Did mother breast feed and for how long? When did mother resume menstruation?

Record length	350
Block size	3,500
Number of records	3,576-3,666
Number of reels	1

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Table 16. Summary of 1972 National Natality Survey data tape, by source

Birth certificate	Mother questionnaire	Hospital and physician questionnaires
State of: Occurrence of birth Mother's residence Age of: Father (in single years) Mother (in single years) Race of: Father (9 categories) Mother (9 categories) Child (9 categories) Education of: Father (in single years) Mother (in single years) Sex of child Number at birth Number of: Previous children born alive, now living Previous children born alive, now dead Fetal deaths Date of: Birth of sample child Last fetal death Birth weight in grams Month of pregnancy prenatal care began Number of prenatal visits Reported or inferred to be legitimate Completed weeks of pregnancy Attendant at birth (4 categories) Presence of congenital malformations Sample weight factor:	Number of: Children ever born Children born alive, now dead Stillbirths Miscarriages Date of: Birth and death for each child Last stillbirth Last miscarriage Prenatal care: Number of physicians seen Number of institutions seen Postnatal care: Number of physicians seen Number of institutions seen Health insurance: During the year (yes, no) At time of birth (yes, no) Proportion that health insurance paid for: Prenatal care (7 categories) Hospital bill (7 categories) Doctor's bill (7 categories) Does mother expect more children and how many? Wantedness status of sample child Date of mother's: First marriage Present marriage Education of: Father (in single years) Mother (in single years) Number of: Relatives in family Persons in immediate family Mother's children in household Mother's children living away Head of family Date of birth of: Father Mother Income: Husband's income (10 categories) Total family income (10 categories)	Total number of previous pregnancies: Fetal deaths Previous children born alive Previous children born alive, still living Previous children born alive, now dead Date of: Admission of mother Discharge of mother (alive or dead) Age of mother (in single years) Date of last normal menses Labor: Complications (yes, no) Total duration (in hours) Delivery: Type Anesthetics used (type and number) This pregnancy, number of and type of: Complications or unusual conditions noted during each trimester Complications of this pregnancy Underlying medical conditions Complications to mother's health after delivery Was operation performed which will prevent future pregnancies? Health of the infant: Birth weight in grams Number at birth (if plural, birth order) Baby's age when first examined outside delivery room Apgar score at 1 and 5 minutes Were any unusual resuscitative efforts required? Congenital malformations or anomalies: Noted at delivery? Noted before discharge? Were any birth injuries noted before discharge? Were any other illnesses noted before discharge? Discharge of infant: Alive Dead— Age at death Cause of death specified? Date of discharge Was discharge examination given? Type of discharging physician Place discharged to

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Table 16. Summary of 1972 National Natality Survey data tape, by source—Con.

Birth certificate	Mother questionnaire	Hospital and physician questionnaires
		Prenatal and postnatal care: Month of pregnancy prenatal care began Number of prenatal visits (in single visits) Who referred mother to this hospital? Did referring source provide any prenatal care? Number of postpartum visits within 3 months after birth, both routine and nonroutine Date of first postpartum visit Family planning information: Was information received from the hospital and the physician during the prenatal period, hospital stay, and postpartum period? Did mother agree to use family planning information received from the hospital and private physician?

Record length	930
Block size	9,300
Number of records	5,689
Number of reels	1

NOTE: The dates of the various events have been used to calculate intervals between these events.

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Table 17. Summary of 1964-66 National Infant Mortality Survey data tapes, by source

Death certificate	Survey questionnaire
Occurrence of death—State, region, and division	Live-birth order
Date of death	Number of children born alive, now dead
Sex of child	Number of children living away from home
Race of child (3 categories)	Number of fetal deaths
Age at death of child (all under 1 year)	Number of miscarriages
Underlying cause of death[1]	Was baby hospitalized at time of death?
Inferred legitimacy status	Was baby born in hospital?
Residence:	Number of hospitals seen
Region and division	Household composition (household status, family status, family type)
SMSA/non-SMSA	Date of mother's birth
Sample weight (annual weight)	Date of father's birth
	Family income (11 categories)
	Date of mother's first marriage
	Date of mother's present marriage
	Was mother employed during pregnancy?
	When did mother quit work during pregnancy? (date)
	Education of mother (in single years)
	Education of father (in single years)
	Health insurance on mother for:
	Physician visits
	Hospitalization
	Physician care in hospital
	Date of death of all children (if any)
	Interval in months between sample child's birth and date of last previous live birth
	Birth weight in grams (from hospital questionnaire; 1964-65 only)
	Date of birth of sample child
	Date of birth of all live-born children of mother
	Current status of all children (alive/dead)
	Sex of all children

Record length	200
Block size	4,000
Number of records	7,800
Number of single cases	2,490
Number of reels	1

[1]Coded according to the Seventh Revision of the *International Classification of Diseases*.

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Table 18. Summary of 1966-68 National Mortality Survey data tapes, by source

Death certificate	Survey questionnaire
Occurrence of death: Geographic division State Date of death Sex of decedent Race of decedent (2 categories) Age of decedent (in single years 35-84) Underlying cause of death Marital status of decedent (6 categories) Relationship of informant to decedent Sample weight	Sex of decedent Did decedent smoke cigarettes? Number of packs of cigarettes smoked per day: During period of heaviest smoking During year prior to death During 3 years prior to death Did decedent smoke cigars? (males) Did decedent smoke a pipe? (males) Date of birth of head of household Date of birth of decedent Marital status of decedent Household composition (living arrangements, family status, family type) Total family income (10 categories) Value of things owned by decedent and spouse (8 categories) Date of birth of surviving spouse Number of decedent's children in household Date of birth of oldest child in household Number of children under 18 years old in family

Record length	120
Block size	3,600
Number of records	19,526
Number of reels	1

DATA FROM THE NATIONAL HEALTH INTERVIEW SURVEY

Coverage. The National Health Interview Survey is a continuing nationwide survey of the U.S. civilian noninstitutionalized population conducted by household interviews. Each week a probability sample of households is interviewed by trained personnel of the U.S. Bureau of the Census to obtain information about the health and other characteristics of each living member of the sample household. During a year the sample is usually composed of approximately 42,000 households including about 120,000 persons. The 1970 sample was reduced by 5,000 households because of budgetary limitations.

General Description. Information is obtained on the number of restricted-activity days, bed days, work- or school-loss days, and all physician and dental visits occurring during the 2-week period prior to the week of the interview. Data are also obtained on the acute and chronic conditions that were responsible for these days or visits. Respondents are asked about long-term limitation of activity and mobility and the chronic conditions related to this disability. Each year information is obtained on the prevalence of a selected system of chronic conditions. (See table 19 for the system for each year.) All conditions are coded according to the International Classification of Diseases, Adapted for Use in the United States, using the limited diagnostic detail available from a household respondent. Data are obtained on all hospital episodes during the prior 12 months, including length of stay, reason for entering hospital, and whether surgery was performed. Data are also obtained on the interval since the last doctor and dental visit. Table 19 lists the items in the data file.

A more detailed description of the survey and summary tables of 1969-76 data can be found in the Current Estimates reports, Series 10, Numbers 63, 72, 79, 85, 95, 100, 115, and 119.

Data are arranged by five different record types (household, person, condition, doctor visit, and hospital) with basic person data on each record so that no cross-record tabulations are required for most types of analyses. The record types are not available individually. Selected supplemental data are included in the person records. Inquiries concerning the particular supplemental data included for a given year and the supplemental data that may be purchased separately should be made to the Division of Health Interview Statistics.

Each record contains a series of different statistical weights to be used for different variables in making national estimates from the data. These weights have been cross-multiplied with the basic variables so that essentially preweighted data are presented on the tape. The preweighted items on the 1969 tapes are in binary code, while the remaining data are in EBCDIC code. The 1970-76 tapes are in EBCDIC code. Because of the complex nature of the sample, there are no straightforward methods of computing variance estimates. However, NCHS reports contain relative standard error charts which can be used in estimating the variances of selected estimates.

Each data tape package includes all necessary documentation, including tape content, Interviewer's Manual, medical coding instructions, sample tabulation specifications, and related final data tables from publications.

Data Years Available. Tapes from the 1969-76 surveys are available now. Those for succeeding years will be released when NCHS has had time to make an initial analysis of the data.

Related Reports. Information relevant to the data tapes can be found in Series 10, Numbers 25, 37, 43, 52, 60, 63, 72, 79, 85, 95, 100, 115, 119, 126, and 130. The Current Estimates reports listed previously contain a summary of findings and facsimiles of questionnaires used in the National Health Interview Survey.

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Table 19. Summary of 1969-76 National Health Interview Survey data tapes, by type of file

Person	Condition

ID number
Region
SMSA or non-SMSA residence
Race
Sex
Age
Marital status
Family relationship
Family size
Education of:
  Individual
  Family head
Veteran status
Family income
Usual activity
Class of worker
Industry
Occupation
Respondent (self or proxy)
Limitation of activity:
  Degree and duration
Limitation of mobility:
  Degree and duration (1972 only)
Dental visits:
  In past 12 months
  Interval since last
  Type of service (1971 only)
Doctor visits:
  In past 12 months
  Interval since last
Hospitalization:
  Number of episodes
  Days in past 12 months
Health insurance coverage (January-March and October-December 1970):
  Medical
  Hospital
  Surgical
Health insurance coverage (1974 and 1976):
  Hospital
  Surgical
Use of corrective lenses and hearing aids (1971 only)
Edentulous persons and use of dentures (1971 only)
Cigarette, cigar, and pipe smoking habits (1970 only)
Preventive care (1973 only)
Blood donors (1973 only)
Health status (1972-74)
Orthodontic care (1974 only)
Annual volumes of:
  Restricted-activity days
  Bed days
  Work-loss days
  School-loss days
  Dental visits
  Doctor visits
  Hospital days
Height (1976)
Weight (1976)
Smoking status; cigarettes smoked a day (1976)
	ID number
	Same demographic variables as Person Record
	All conditions:
	  Chronic/acute code
	  Onset
	  Diagnosis
	  Restricted-activity days:
	  Bed days
	  Work- or school-loss days
	Injuries:
	  Hospitalization
	  Motor vehicle involved
	  Place of accident
	  Cause of accident
	Selected chronic conditions:
	  Musculoskeletal-skin (1969)
	  Respiratory (1970)
	  Impairments (1971)
	  Circulatory (1972)
	  Miscellaneous (1973)
	  Digestive (1975)
	All conditions causing limitation of activity or mobility:
	  Limitation of activity:
	  Degree and duration
	  Limitation of mobility:
	  Degree and duration (1972 only)
	  Doctor seen:
	  Interval before seeing
	  Treatment:
	  During past 12 months
	  Surgical treatment
	  Hospitalization
	  Doctor visits in past 12 months
	  Frequency and degree of discomfort
	  Current status of condition (if cured, length of time with condition)

Household	
Basic household identification	

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Table 19. Summary of 1969-76 Health Interview Survey data tapes, by type of file—Con.

Doctor visit	Hospital
ID number Same demographic variables as Person Record Date of visit Type of doctor Place of visit Conditions causing visit Limitation of activity: Degree and duration Limitation of mobility: Degree and duration (1972 only) Reason for visit Source of payment (1972 only)	ID number Same demographic variables as Person Record Type of service Hospital ownership Date of admission Nights in hospital in past 12 months Date of discharge Diagnosis Surgery Limitation of activity: Degree and duration Limitation of mobility: Degree and duration (1972 only) Source of payment (1972 only)

	1969	1970	1971	1972	1973	1974	1975	1976
Record length	320	516	486	464	464	478	464	480
Block size	3,200	5,160	4,860	4,640	4,640	4,780	4,640	4,800
Number of records:								
Household	44,110	39,011	45,422	46,149	42,135	41,314	41,649	41,559
Person	131,575	116,466	134,502	132,891	120,493	116,287	116,289	113,178
Condition	91,295	68,331	68,441	63,714	51,401	37,453	51,507	58,346
Doctor visit	22,437	21,412	25,393	100,245	23,169	15,692	22,522	21,550
Hospital	18,023	16,073	17,714	17,553	16,140	22,058	15,650	15,239
Number of reels	6	6	6	7	6	6	6	6

DATA FROM THE NATIONAL HEALTH AND NUTRITION EXAMINATION SURVEYS

Since 1959, NCHS has conducted the National Health Examination Survey (NHES) to obtain statistics on: (1) the medically defined prevalance in the U.S. population of a variety of specific diseases (using standardized diagnostic criteria) and (2) distributions of certain physical, physiological, and psychological measurements in the general population. The NHES was conducted as a series of survey programs called "cycles." Each cycle was limited to a specific age segment of the population and to certain aspects of the health of the population.

In 1970, NCHS received a new responsibility--measuring and monitoring the nutritional status of the U.S. population over time. NHES was expanded and redesigned to include this type of assessment along with the health assessments already part of its mission, thus becoming the National Health and Nutrition Examination Survey (NHANES).

The first NHANES program (NHANES I) was conducted from 1971-75 on a sample of the U.S. population aged 1-74 years. (Unlike the previous NHES cycles, NHANES includes a very wide age range in each program.) Four different kinds of data were collected to make this nutritional assessment: (1) dietary intake information, (2) hematological and biochemical tests, (3) body measurements, and (4) clinical assessments. Some limited information on general health status, health care needs, and treatment was also obtained. The information included examination findings and medical history on eye conditions, skin conditions, and dental health. Further data on health status and medical care needs were obtained through more detailed examinations and history for a subsample of adults aged 25-74 years. Particular concentration was given to cardiovascular, respiratory, arthritic, and auditory conditions.

Both NHES and NHANES I were operated in a similar manner. Examinations were conducted in mobile examination centers at numerous sample locations across the United States by a specially trained staff of medical pesonnel and interviewers. During the entire course of NHANES I, for example, examinations were conducted at 100 locations.

Data From the First National Health and Nutrition Examination Survey, NHANES I, 1971-75

Coverage. NHANES I was conducted on a nationwide probability sample of approximately 32,000 persons aged 1-74 years in the civilian noninstitutionalized population of the conterminous United States. The survey started in April 1971; the nutrition component and some general health components were completed in June 1974. The NHANES I sample was selected so that certain population groups thought to be at high risk of malnutrition (persons with low incomes, preschool children, women of childbearing age, and the elderly) were oversampled at preset rates. On completion of the survey, 31,973 sample persons had been interviewed; of these, 23,808 people were examined. Adjusted sampling weights were computed within 60 age-sex-race categories in order to inflate the sample so as to closely reflect the

U.S. civilian noninstitutionalized population 1-74 years of age at the midpoint of the survey.

Although a major emphasis of NHANES I was on nutrition and some limited aspects of health, a subset of 3,854 persons aged 25-74 years received a more detailed health examination. No oversampling of subgroups of the population was done in this subsample, as it had been for the major nutrition component. This subsample is representative of the U.S. population 25-74 years of age at the midpoint of NHANES I. After the nutrition survey was completed, the detailed medical examination was given to adults 25-74 years of age. This portion of the survey is referred to as the NHANES I Augmentation and was continued through October 1975, bringing the total number of persons who received a detailed examination to 6,913.

Information for all examined persons in NHANES I was obtained by means of household interview; a general medical history; a 24-hour dietary intake recall interview; a food frequency interview; a food program questionnaire; a general medical examination; dental, dermatological, and ophthalmological examinations; anthropometric measurements; hand-wrist X-rays (for skeletal maturation assessments of those ages 1-17 only); and hematological, blood chemistry, and urological laboratory determinations.

Additional data were gathered on the subsample of adults aged 25-74 by means of a supplementary medical history questionnaire; supplementary questionnaires concerning arthritis, respiratory conditions, and cardiovascular conditions (when applicable); a health care needs questionnaire; a general well-being questionnaire; an extended medical examination; X-rays of the chest for determination of heart size and pathology, as well as lung volume and pathology; X-rays of the hip-sacroiliac and knee joints for assessment of arthritic and related changes; X-rays of the hand and wrist for measurements of bone density and cortical thickness; audiometry; electrocardiography; goniometry; spirometry; pulmonary diffusion and tuberculin tests; and additional laboratory determinations.

General Description. As mentioned, NHANES I was composed of two overlapping sets of examination components. The nutrition examination was given to all sample persons at the first 65 survey locations, and the detailed medical examination was given to a subsample of adults ages 25-74 years at the first 65 survey locations. This survey was continued as the NHANES I Augmentation for 35 additional locations after the nutrition examinations had ended.

This resulted in six distinct NHANES I samples (table 20), each a separate probability sample and each with its own set of sampling weights. Note that although 23,808 persons were examined during the entire course of NHANES I, this is not a probability sample. This number represents the total nutrition sample of 20,749 (including the subsample of 3,854 of this group given the detailed examination also) and the detail subsample of 3,059 adults who were examined in the augmentation portion of the survey.

Data tapes from NHANES I are organized by subject matter with demographic and socioeconomic information included if applicable. Data tape

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Table 20. NHANES I samples

Survey locations and examination in sample design	Years	Age of target population in years	Number of examined persons	Response rate
1-35 Detail	1971-72	25-74	1,892	67.6
1-35 Nutrition	1971-72	1-74	10,127	71.6
1-65 Detail	1971-74	25-74	3,854	68.9
1-65 Nutrition	1971-74	1-74	20,749	74.0
66-100[1] Detail	1974-75	25-74	3,059	71.3
1-100[2] Detail	1971-75	25-74	6,913	70.0

[1]Augmentation sample.
[2]Includes augmentation sample.

documentation packages contain a brief description of NHANES I; general notes on the specific subject matter of the tape; and brief statements about the use of NHANES·I data including discussion of possible sources of error and variance estimation procedures. Sampling weights are included in the demographic section of the data tapes. Detailed notes explain certain items which are not self-explanatory or not documented elsewhere. Seventeen data tape packages are now available.

Data Years Available. Data from both the main nutrition component and the augmentation portion of NHANES I are available for 1971-75.

Related Reports. A detailed description of the design and operation of NHANES I is provided in Series 1, Numbers 10a, 10b, and 14, in which the contents of NHANES I are described in detail and the rationale and purpose for the inclusion of various components of the examination are discussed.

A few of the reports that contain results from NHANES I are Series 11, Numbers 202, 205, 207, 210, 211, and 217, and Advance Data Numbers 3, 6, 14, 46, and 54.

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NHANES I Data Tapes

MEDICAL HISTORY QUESTIONNAIRE, AGES 1-11
NHANES TAPE NUMBER 4067

Sample description. Data for 4,972 children aged 1-11 years who were examined during NHANES I.

Subject matter description. Demographic and socioeconomic characteristics. Informtin from infant and child medical histories, including responses to questions about breast feeding, immunizations, early development, and various medical conditions.

Record length.....	450
Block size.....	4,500
Number of records.....	4,972
Number of reels.....	1

MEDICAL HISTORY QUESTIONNAIRE, AGES 12-74
NHANES TAPE NUMBER 4081

Sample description. Data for 18,836 persons aged 12-74 years who received the nutrition examination. Includes 6,913 adults in the subsample which also received the detailed medical examination during NHANES I and the NHANES I Augmentation.

Subject matter description. Demographic and socioeconomic characteristics. Information from medical histories, including responses to questions about various medical conditions such as anemia, vision and hearing problems, use of medication, hypertension, and special diets.

Record length.....	500
Block size.....	4,000
Number of records.....	18,836
Number of reels.....	1

HEALTH CARE NEEDS, GENERAL MEDICAL HISTORY SUPPLEMENT, AND RESPIRATORY AND CARDIOVASCULAR SUPPLEMENTS, AGES 25-74
NHANES TAPE NUMBER 4091

Sample description. Data for 6,913 sample persons aged 25-74 years who received the detailed medical examination during NHANES I and the NHANES I Augmentation.

Subject matter description. Demographic and socioeconomic characteristics. Information from five questionnaires: (1) Health Care Needs, (2) General Medical History, (3) Sample Person Supplement, (4) Cardiovascular Supplement, and (5) Respiratory Supplement. Responses to questions about hearing; vision; hypertension; dental, diabetic, arthritic, respiratory, and cardiovascular conditions; and frequency, nature, insurance, and payment for health care.

Record length.....	950
Block size.....	3,800
Number of records.....	6,913
Number of reels.....	1

ANTHROPOMETRY, GONIOMETRY, SKELETAL AGE, BONE DENSITY, AND CORTICAL THICKNESS, AGES 1-74
NHANES TAPE NUMBER 4111

Sample description. Data for 23,808 sample persons aged 1-74 years who were examined during NHANES I and the NHANES I Augmentation.

Subject matter description. Demographic and socioeconomic characteristics. Height, weight, and a series of body and skinfold measurements. Skeletal maturation data from X-rays of hand and wrist for persons aged 1-17. Goniometry, cortical thickness, and bone density data for persons aged 28-74 years.

Record length.....	600
Block size.....	3,600
Number of records.....	23,808
Number of reels.....	1

ARTHRITIS, AGES 25-74
NHANES TAPE NUMBER 4121

Sample description. Data for 6,913 sample persons aged 25-74 years who received the detailed health examination during NHANES I and the NHANES I Augmentation.

Subject matter description. Demographic and socioeconomic characteristics. Information from an arthritis history supplement including history of arthritis; pain or aching in joints, neck, back, or hip with joint swelling stiffness; and assessments from X-ray films of hip-sacroiliac and knee.

Record length.....	700
Block size.....	3,500
Number of records.....	6,913
Number of reels.....	1

COMPUTER MEASUREMENTS AND INTERPRETATIONS OF ELECTROCARDIOGRAMS, AGES 25-74
NHANES TAPE NUMBER 4140

Sample description. Data for 6,913 sample persons aged 25-74 years who received the detailed medical examination during NHANES I and the NHANES I Augmentation.

Subject matter description. Demographic and socioeconomic characteristics. Computer measurements and interpretations of electrocardiograms.

Record length.....	1,500
Block size.....	3,000
Number of records.....	6,913
Number of reels.....	1

DERMATOLOGY, AGES 1-74
NHANES TAPE NUMBER 4151

Sample description. Data for 20,749 sample persons aged 1-74 years examined during NHANES I.

Subject matter description. Demographic and socioeconomic characteristics. Results of a complete clinical examination of the skin and subcutaneous tissue that considered normal variations in texture; certain manifestations of aging and all pathological changes; results of tissue biopsies, Tzanck smears, and cultures documenting significant diagnoses; estimates of light exposure experienced and actinic damage; occupational contactants and allergens; judgments of discomfort and disability from hand, foot, or generalized skin problems; and information concerning care sought and adequacy of care received.

Record length.....	950
Block size.....	3,800
Number of records.....	20,749
Number of reels.....	1

OPHTHALMOLOGY, AGES 1-74
NHANES TAPE NUMBER 4161

Sample description. Data on a subsample of 10,127 sample persons aged 1-74 years examined at the first 35 locations of NHANES I.

Subject matter description. Demographic and socioeconomic characteristics. Ocular histories including previously known eye disorders or previous eye surgery. Standardized eye examination with certain components of the examination given to people of different ages.

Record length.....	650
Block size.....	3,900
Number of records.....	10,127
Number of reels.....	1

NEAR AND DISTANT VISION, AGES 25-74
NHANES TAPE NUMBER 4163

Sample description. Data for 3,059 sample persons aged 25-74 years examined from July 1974-October 1975 during the NHANES I Augmentation.

Subject matter description. Demographic and socioeconomic characteristics. Results from a near and distance vision screening examination.

Record length.....	500
Block size.....	4,000
Number of records.....	3,059
Number of reels.....	1

GENERAL WELL-BEING AND THE CES-D DEPRESSION SCALE DEVELOPED BY THE NATIONAL INSTITUTE OF MENTAL HEALTH, AGES 25-74
NHANES TAPE NUMBER 4171

Sample description. Data for 6,913 sample persons aged 25-74 years who received the detailed medical examination during NHANES I and the NHANES I Augmentation. Only the records for the 3,059 adults examined during the NHANES I Augmentation have the CES-D data.

Subject matter description. Demographic and socioeconomic characteristics. General Well-Being Schedule and CES-Depression Scale, including responses to questions about feelings of well-being (during the month prior to examination), depression, and past psychiatric care.

Record length.....	350
Block size.....	3,500
Number of records.....	6,913
Number of reels.....	1

MEDICAL EXAMINATION, AGES 1-74
NHANES TAPE NUMBER 4233

Sample description. Data for 23,808 sample persons aged 1-74 years who were examined during NHANES I and the NHANES I Augmentation.

Subject matter description. Demographic and socioeconomic characteristics. Results of a standardized medical examination given by the survey staff physicians, which focused primarily on clinical signs of nutritional deficiencies. Also includes findings from the subsample of adults aged 25-74 years who were given a more detailed examination with an emphasis on cardiovascular, respiratory, and musculoskeletal systems and the ear, nose, and throat.

Record length.....	850
Block size.....	3,400
Number of records.....	23,808
Number of reels.....	1

DENTAL, AGES 1-74
NHANES TAPE NUMBER 4235

Sample description. Data for 20,749 sample persons aged 1-74 years examined during NHANES I.

Subject matter description. Demographic and socioeconomic characteristics. Results of a standardized dental examination by staff dentists focusing on dental health status, treatment needs, and occlusion. Derived indexes of dental health are also included.

Record length.....	500
Block size.....	4,000
Number of records.....	20,749
Number of reels.....	1

AUDIOMETRIC TEST (AIR, BONE, SPEECH RECEPTION), AGES 25-74
NHANES TAPE NUMBER 4241

Sample description. Pure-tone audiometric test data for 6,913 sample persons aged 25-74 years who received the detailed medical examination--3,854 adults who received a bone-conduction test during NHANES I and 3,059 adults who received a speech reception test during the NHANES I Augmentation.

Subject matter description. Demographic and socioeconomic characteristics. Results of three audiometric tests--air-conduction, bone-conduction, and speech reception.

Record length.....	1,600
Block size.....	1,600
Number of records.....	6,913
Number of reels.....	1

SPIROMETRY--BEST TRIALS ONLY, AGES 25-74
NHANES TAPE NUMBER 4250

Sample description. Data for 6,913 adults aged 25-74 years who received the detailed medical examination during NHANES I and the NHANES I Augmentation.

Subject matter description. Demographic and socioeconomic characteristics. Results of a five or more trial set Forced Expiratory Spirogram. This test provides measures of respiratory performance and capacity.

Record length.....	525
Block size.....	3,675
Number of records.....	6,913
Number of reels.....	1

PULMONARY DIFFUSION, TB, CHEST X-RAY PLANIMETRY, HEART SIZE, AND LUNG AND HEART PATHOLOGY, AGES 25-74
NHANES TAPE NUMBER 4251

Sample description. Data for 6,913 sample persons aged 25-74 years who received the detailed medical examination during NHANES I and for 1,892 sample persons aged 25-74 years who received the tuberculin skin test during the period April 1971-October 1972 (the first 35 survey locations).

Subject matter description. Demographic and socioeconomic characteristics. Results of single-breath carbon monoxide diffusion studies, tuberculin skin tests, and readings of chest X-rays for each sample person.

Record length.....	650
Block size.....	6,500
Number of records.....	6,913
Number of reels.....	1

WATER SUPPLEMENT AND WATER CHEMICAL ASSESSMENT, AGES 25-74
NHANES TAPE NUMBER 4277

Sample description. Data on the drinking water of the 3,059 sample persons aged 25-74 years who were examined in the NHANES I Augmentation.

Subject matter description. Demographic and socioeconomic characteristics. Responses to a questionnaire detailing personal consumption of water and the source of water supplied to the household. Results of tests performed on water samples to measure hardness, alkalinity, total number of solutes present, and presence and concentration of a sizable number of trace minerals.

Record length.....	2,200
Block size.....	4,400
Number of records.....	3,059
Number of reels.....	1

DIETARY FREQUENCY AND ADEQUACY, AGES 1-74
NHANES TAPE NUMBER 4701

Sample description. Data for 20,749 sample persons aged 1-74 years who were examined during NHANES I.

Subject matter description. Demographic and socioeconomic characteristics. Food frequency data and total nutrient intake from the 24-hour recall dietary interview. This total nutrient intake is then expressed as a percent of the dietary standards employed in NHANES I in an attempt to assess dietary adequacy.

Record length.....	500
Block size.....	4,000
Number of records.....	20,749
Number of reels.....	1

A. MODEL GRAM
B. NUTRIENT COMPOSITION
NHANES TAPE NUMBERS 4702 and 4703

Sample description. Gram conversion factors and nutrient composition information for approximately 3,500 foods used in dietary intake analysis of NHANES I data.

Subject matter description. Model Gram Tape (A)--3,500 food items with food groups; food codes; alphanumeric descriptions; preferred food model codes; and gram conversion factors. Nutrient Composition Tape (B)--the actual nutrient analysis in 100-gram edible portions of all foods listed in the Model Gram Tape. These tapes are essentially an interpretive tool for use as input to a computer analysis of NHANES I 24-hour recall.

Record length.....	A,	80
	B,	120
Block size.....	A,	2,400
	B,	2,400
Number of records...	A,	3,728
	B,	3,481
Number of reels.....	A,	1
	B,	1

24-HOUR FOOD CONSUMPTION INTAKE, AGES 1-74
NHANES TAPE NUMBER 4704

Sample description. Data for 20,749 sample persons aged 1-74 years examined during NHANES I.

Subject matter description. Demographic and socioeconomic characteristics. Information on specific food items and quantities ingested for all regular meals and between-meal foods or snacks consumed on the day (midnight to midnight) preceding the interview for each sample person. Because of the survey design, the recall period did not generally include Saturday or Sunday.

Record length.....	375	
Block size.....	3,750	
Number of records...	371,889	
Number of reels.....	4	(at 1,600 BPI)

BIOCHEMISTRY, SEROLOGY, HEMATOLOGY, PERIPHERAL BLOOD SLIDE, AND URINARY FINDINGS, AGES 1-74
NHANES TAPE NUMBER 4800

Sample description. Data for 23,808 sample persons aged 1-74 years who were examined during NHANES I and the NHANES I Augmentation.

Subject matter description. Demographic and socioeconomnic characteristics. Results of 24 hematological, blood chemistry, serological, and urine laboratory tests. Responses to questions relevant to the interpretation of the tests.

Record length.....	600
Block size.....	4,200
Number of records...	23,808
Number of reels.....	4

Data From the National Health Examination Survey, Cycle III, NHES III, 1966-70

Coverage. NHES III was conducted on a nationwide probability sample of 7,514 youths 12-17 years of age in the civilian noninstitutionalized population of the conterminous United States. The survey began in March 1966 and was completed in March 1970. Of the 7,514 youths selected for the sample, 6,768 (90 percent) were examined. Adjusted sampling weights were computed in order to inflate the sample so as to closely reflect the 23 million youths in the U.S. population at that time in terms of age, sex, and certain other demographic characteristics.

Because the same basic sampling plan was used in Cycle III as in the earlier Cycle II, nearly one-third of the children examined in Cycle II were also examined in Cycle III. In the Cycle III Extended Data Tape (EDT) provision has been made for the user to identify sample persons examined in both surveys and to create from the Cycle II Integrated Data Tape (IDT) and the Cycle III EDT a composite data set for longitudinal studies.

General Description. Information was obtained for each examined youth by means of a household interview; detailed questionnaires for medical and developmental histories; a school questionnaire; medical, dental, and psychological examinations; vision and hearing tests; anthropometric measurements; and certain X-rays and laboratory tests.

The major data elements obtained and derived from this survey have been compiled into one EDT which is available for release. The data tape documentation contains a brief description of NHES III, a file description, a detailed description of data items, and detailed notes on items judged not to be self-explanatory. A sample weight for each examined person is included.

Data Years Available. Data for the third cycle of the National Health Examination Survey (March 1966-March 1970) are available.

Related Reports. A detailed description of the design and operation of NHES III is provided in Series 1, Number 8, which contains a detailed discussion of the contents of NHES III and the rationale and purpose for the inclusion of various components of the examination.

Some reports that contain results from Cycle III of the National Health Examination Survey are Series 11, Numbers 159-163 and 167.

Technical Contact. Dale Hitchcock
(301) 436-7081
Room Number 2-58

NHES III Data Tape

EXTENDED DATA TAPE
NHES III TAPE NUMBER 3EDT

Sample description. Data for 6,768 youths aged 12-17 years who were examined during NHES III.

Subject matter description. Responses to detailed questionnaires for medical and developmental histories. Responses to a school questionnaire. Results of medical, dental, and psychological examinations and vision and hearing tests. Anthropometric measurements. Certain X-rays and laboratory tests.

Record length.....	1,300
Block size.....	9,100
Number of records.....	6,768
Number of reels.....	1

Data From the National Health Examination Survey, Cycle II, NHES II, 1963-65

Coverage. NHES II was conducted on a nationwide probability sample of 7,417 children aged 6-11 years in the civilian noninstitutionalized population of the

conterminous United States. The survey began in July 1963 and was completed in December 1965. Of the 7,417 children selected for the sample, 7,119 (96 percent) were examined. Adjusted sampling weights were computed to inflate the sample so as to closely reflect the 24 million children in the U.S. population at that time in terms of age, sex, and certain other demographic characteristics.

General Description. Information for all examined children was obtained by means of detailed, structured questionnaires on medical and developmental histories from a household adult, usually the mother; a school questionnaire; medical, dental, and psychological examinations; vision and hearing tests; and anthropometric measurements.

The major data elements obtained and derived from this survey have been compiled into one Integrated Data Tape (IDT) file which is available for release. The data tape documentation contains a brief description of NHES II, a file description, and a detailed description of data items. A sample weight for each sample person is included.

Data Years Available. Data for the second cycle of the National Health Examination Survey (July 1963-December 1965) are available.

Related Reports. A detailed description of the design and operation of NHES II is provided in Series 1, Number 5, which contains a discussion of the contents of NHES II and the rationale and purpose for the inclusion of various components of the examination.

Some reports that contain results from Cycle II of the National Health Examination Survey are Series 11, Numbers 135, 142, 149, 164, 165, and 166.

Technical Contact. Dale Hitchcock
(301) 436-7081
Room Number 2-58

NHES II Data Tape

INTEGRATED DATA TAPE
NHES II TAPE NUMBER 2IDT

Sample description. Data for 7,119 children aged 6-11 years who were examined during NHES II.

Subject matter description. Responses to detailed structured questionnaires for medical and developmental histories. Responses to school questionnaires. Results of medical, dental, and psychological examinations and vision and hearing tests. Anthropometric measurements.

Record length.....	800
Block size.....	8,000
Number of records.....	7,119
Number of reels.....	1

Data From the National Health Examination Survey, Cycle I, NHES I, 1959-62

Coverage. NHES I was conducted on a nationwide probability sample of approximately 7,800 persons aged 18-79 years in the adult civilian noninstitutionalized population of the conterminous United States. The survey began in October 1959 and was completed in December 1962. Upon completion of the cycle, 7,710 sample persons had been interviewed; of these, 6,672 were examined. Adjusted sampling weights were computed to inflate the sample so as to closely reflect the 111 million persons aged 18-79 in the noninstitutionalized civilian population of the United States at the midpoint of the survey.

General Description. Information for all examined persons was obtained by means of a household interview, a medical history, a medical examination, a dental examination, an X-ray, EKG readings, laboratory blood tests, vision and hearing tests, and anthropometric measurements.

Data tapes from NHES I are organized by subject. Presently, eight tapes are available for release. The person and demographic characteristics tape is a master tape intended for use in conjunction with any or all other data tapes in the set. It contains demographic, socioeconomic, and geographic classification information not available on most of the other data tapes along with the sample weight for each examined person. A uniform sequence file number on all data tapes permits the user to merge any of the tapes. Data tape documentation packages contain a brief description of NHES I, a file description, a detailed description of data items, and detailed notes on items judged not to be self-explanatory.

Data Years Available. Data for the first cycle of the National Health Examination Survey (October 1959-December 1962) are available.

Related Reports. A detailed description of the design and operation of NHES I is provided in Series 1, Number 4, which contains a discussion of the contents of NHES I and the rationale and purpose for the inclusion of various components of the examination.

Some reports that contain results from Cycle I of the National Health Examination Survey are Series 11, Numbers 3, 21, 22, 31, 33, and 38.

Technical Contact. Dale Hitchcock
(301) 436-7081
Room Number 2-58

NHES I Data Tapes

DEMOGRAPHIC CHARACTERISTICS
NHES I TAPE NUMBER 1001

Sample description. Data for 6,672 sample persons aged 18-79 years who were examined during NHES I.

Subject matter description. Demographic and socioeconomic characteristics, household characteristics, and characteristics of geographic location for each sample person.

Record length.....	132
Block size.....	2,640
Number of records.....	6,672
Number of reels.....	1

PSYCHOLOGICAL DISTRESS
NHES I TAPE NUMBER 1002

Sample description. Data for 6,672 sample persons aged 18-79 years who were examined during NHES I.

Subject matter description. Demographic and socioeconomic characteristics. Responses to questions relating to the symptoms of psychological distress.

Record length.....	132
Block size.....	2,640
Number of records.....	6,672
Number of reels.....	1

PHYSICAL MEASUREMENTS
NHES I TAPE NUMBER 1003

Sample description. Data for 6,672 sample persons aged 18-79 years who were examined during NHES I.

Subject matter description. Height, weight, and a series of body and skinfold measurements.

Record length.....	132
Block size.....	2,640
Number of records.....	6,672
Number of reels.....	1

CARDIOVASCULAR DATA
NHES I TAPE NUMBER 1004

Sample description. Data for 6,672 sample persons aged 18-79 years who were examined during NHES I.

Subject matter description. Responses to selected items on a self-administered medical history questionnaire. Results of a physician's examination related to the cardiovascular system. Blood pressure, electrocardiograph, and chest X-ray readings.

Record length.....	250
Block size.....	2,500
Number of records.....	6,672
Number of reels.....	1

OSTEOARTHRITIS AND RHEUMATOID ARTHRITIS
NHES I TAPE NUMBER 1005

Sample description. Data for 6,672 sample persons aged 18-79 years who were examined during NHES I.

Subject matter description. Results of a physician's examination related to osteoarthritis and rheumatoid arthritis. Readings of hand, feet, and hand and feet X-rays. Responses to questions about the history of diagnosis and treatment of arthritis for each sample person.

Record length.....	52
Block size.....	52
Number of records.....	6,672
Number of reels.....	1

DENTAL FINDINGS
NHES I TAPE NUMBER 1006

Sample description. Data for 6,672 sample persons aged 18-79 years who were examined during NHES I.

Subject matter description. Results of a dental examination focusing on dental status and indexes. Responses to questions about the frequency and nature of dental treatment.

Record length.....	52
Block size.....	52
Number of records.....	6,672
Number of reels.....	1

DIABETES FINDINGS
NHES I TAPE NUMBER 1007

Sample description. Data for 6,672 sample persons aged 18-79 years who were examined during NHES I.

Subject matter description. Results of a glucose tolerance test for diabetes. Responses to questions about the history of diagnosis and treatment of diabetes for each sample person. Serum cholesterol values.

Record length.....	80
Block size.....	4,800
Number of records.....	6,672
Number of reels.....	1

VISION DATA
NHES I TAPE NUMBER 1008

Sample description. Data for 6,672 sample persons aged 18-79 years who were examined during NHES I.

Subject matter description. Responses to questions about history of optometric treatment. Results of a standardized eye examination including near and distance vision screening.

Record length.....	75
Block size.....	1,500
Number of records.....	6,672
Number of reels.....	1

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	Data year	*Accession no.*	
	1971	PB 284912	
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	1975	PB 284920	
	1976	PB 284922	
2	National Master Facility Inventory, nursing homes and other health facilities, 1971, 1973, and 1976		$125
	Data year	*Accession no.*	
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	1976	PB 287230	
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	Data year		
	*1974		
	*1975		
4	National Hospital Discharge Survey, 1970-78		$125
	Data year	*Accession no.*	
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	1971	PB 270765	
	1972	PB 270767	
	1973	PB 270769	
	1974	PB 270771	
	1975	PB 270773	
	*1976		
	*1977		
	*1978		
5	National Ambulatory Medical Care Survey, 1973, 1975, 1976, and 1977		$125
	Data year	*Accession no.*	
	1973	PB 293900	
	1975	PB 290478	
	1976	PB 291152	
	1977	PB 80-130230	
6	National Nursing Home Survey, 1969, 1973-74, and 1977		
	Data year	*Accession no.*	
	*1969		$185
	*1973-74		305
	1977	PB 80-188030	305
	1977, 5 State	PB 80-188717	305

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No.	NCHS Data Sets available in 1980		Cost of data set
7	Vital Statistics Natality, detail, 1968-78		
	Data year	*Accession no.*	
	1968	PB 238700	$425
	1969	PB 238698	725
	1970	PB 80-107006	725
	1971	PB 80-107741	725
	1972	PB 80-107766	725
	1973	PB 80-107642	725
	1974	PB 80-107683	785
	1975	PB 80-107808	905
	1976	PB 80-117153	965
	1977	PB 301360	1,085
	1978	PB 80-188618	965
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	Data year	*Accession no.*	
	1968	PB 238701	$125
	1969	PB 80-186299	125
	1970	PB 80-107550	185
	1971	PB 80-107709	185
	1972	PB 80-107576	185
	1973	PB 80-107519	185
	1974	PB 80-107535	185
	1975	PB 80-107725	245
	1976	PB 80-107667	245
	1977	PB 80-107782	245
	1978	PB 80-186372	185
9	Vital Statistics Natality, State summary, 1968-78		$125
	Data year	*Accession no.*	
	1968	PB 235643	
	1969	PB 235644	
	1970	PB 300426	
	1971	PB 300428	
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	1973	PB 300584	
	1974	PB 300588	
	1975	PB 300586	
	1976	PB 300590	
	1977	PB 300592	
	1978	PB 80-186315	
10	Vital Statistics Mortality, detail, 1968-77		
	Data year	*Accession no.*	
	1968	PB 300800	$665
	1969	PB 299676	605
	1970	PB 299679	665
	1971	PB 300802	605
	1972	PB 200885	365
	1973	PB 300805	665
	1974	PB 300807	665
	1975	PB 300809	665
	1976	PB 300811	665
	1977	PB 300798	665

No.	NCHS Data Sets available in 1980		Cost of data set
11	Vital Statistics Mortality, local area summary, 1968-77		$125
	Data year	*Accession no.*	
	1968	PB 238827	
	1969	PB 80-126618	
	1970	PB 80-108749	
	1971	PB 80-126642	
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	1973	PB 80-133374	
	1974	PB 80-126683	
	1975	PB 80-134158	
	1976	PB 80-134117	
	1977	PB 80-131675	
12	Vital Statistics Mortality, cause-of-death summary, 1968-77		
	Data year	*Accession no.*	
	1968	PB 80-126550	$185
	1969	PB 80-133358	185
	1970	PB 80-133333	185
	1971	PB 80-133317	185
	1972	PB 80-133275	125
	1973	PB 80-126576	185
	1974	PB 80-133291	185
	1975	PB 80-134133	185
	1976	PB 80-134091	185
	1977	PB 80-126592	185
13	Vital Statistics Marriage, detail, 1968-77		
	Data year	*Accession no.*	
	1968	PB 235645	$125
	1969	PB 235646	125
	1970	PB 186331	125
	1971	PB 80-186356	125
	1972	PB 80-185887	185
	1973	PB 80-186273	185
	1974	PB 80-185846	185
	1975	PB 80-185903	245
	1976	PB 80-185861	245
	1977	PB 80-185804	245
14	Vital Statistics Divorce, detail, 1968-77 (specify year)		
	Data year	*Accession no.*	
	1968	PB 238824	$125
	1969	PB 238825	125
	1970	PB 80-186745	125
	1971	PB 80-187164	125
	1972	PB 80-187180	125
	1973	PB 80-187149	125
	1974	PB 80-187123	125
	1975	PB 80-186786	125
	1976	PB 80-186760	125
	1977	PB 80-186729	210

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15	National Survey of Family Growth, 1973 and 1976		$125
	Data year	*Accession no.*	
	1973	PB 277054	
	1976 Couple file	PB 294480	
	1976 Interval file	PB 80-168206	
	1976 Combined file	PB 80-219702	
16	National Natality Surveys, 1964-66, 1967, 1968, 1969, and 1972		$125
	Data year	*Accession no.*	
	1964-66 (one tape)	PB 237326	
	1967	PB 300997	
	1968	PB 301157	
	1969	PB 300999	
	1972	PB 301358	
17	National Infant Mortality Survey, 1964-66		$125
	Data year	*Accession no.*	
	1964-66 (one tape)	PB 238560	
18	National Mortality Survey, 1966-68		$125
	Data year	*Accession no.*	
	1966-68 (one tape)	PB 80-117138	
19	National Health Interview Survey, 1969-76 (specify year)		
	Data year	*Accession no.*	
	1969	PB 235543	$425
	1970	PB 237322	425
	1971	PB 238524	425
	1972	PB 285460	485
	1973	PB 285511	425
	1974	PB 285517	425
	1975	PB 281126	425
	1976	PB 300423	365
20	First National Health and Nutrition Examination Survey		
	Data	*Accession no.*	
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	NHANES I Medical History Questionnaire, Ages 12-74 (Tape No. 4081)	PB 296073	125
	NHANES I Health Care Needs, General Medical History Supplement, and Respiratory and Cardiovascular Supplements, Ages 25-74 (Tape No. 4091)	PB 296029	125
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	NHANES I Dental, Ages 1-74 (Tape No. 4235)	PB 296023	125
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21	National Health Examination Survey, Cycle III		
	Data	*Accession no.*	
	NHES III Extended Data Tape (Tape No. 3EDT)	PB 296025	$125
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	Data	*Accession no.*	
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